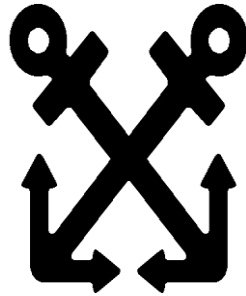


# CHAPTER 14



## BOATSWAIN'S MATE (BM)

NAVPERS 18068-14C

CH-44

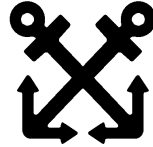
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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

BOATSWAIN'S MATE (BM)



SCOPE OF RATING

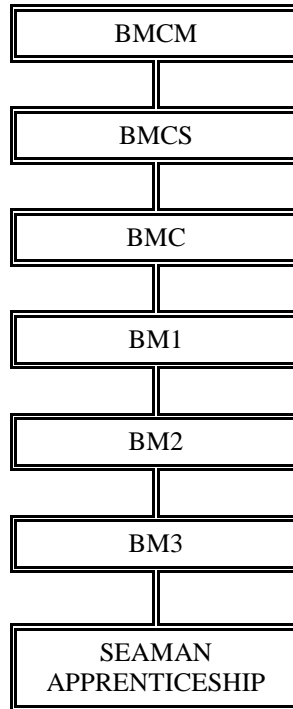
Boatswain's Mates (BM) train, direct, and supervise personnel in ship's maintenance duties in all activities relating to marlinespikes, decks, boat seamanship, painting, upkeep of ship's external structure, rigging, deck equipment, and life boats; take charge of working parties; perform seamanship tasks; act as petty officer-in-charge of picket boats, self-propelled barges, tugs, and other yard and district crafts; serve in, or take charge of gun crews and damage control parties; and operate and maintain equipment used in loading and unloading cargo, ammunition, fuel, and general stores.

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This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) in Chapter 59.

## GENERAL INFORMATION

### CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

### SAFETY

**The observance of proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.**

**Job Title****Ships and Boats Mate****Job Code****003720****Job Family**

Transportation and Material Moving

**NOC**

5300-5021.02

**Short Title (30 Characters)**

SHIPS AND BOATS MATE

**Short Title (10 Characters)**

SB MATE

**Pay Plan**

Enlisted

**Career Field**

BM

**Proficiency Level**

M

**Other Relationships and Rules:**

Not Applicable

**Job Description**

Ships and Boats Mates are responsible for the proper training and supervision of junior personnel, including junior officers, in naval traditions, military conduct and justice, leadership, management information, career information, training, programs and policies, military requirements, safety and damage control, and security, visual, and radio communications procedures. They direct the operation and maintenance of deck machinery, firefighting, and other emergency equipment. They also direct the movement of non-self-propelled yard craft within the boundaries of harbors, bays and sounds. They operate tugs to assist in docking, undocking, dry-docking, and cold iron moves. They assist in sea/air rescue and missions of mercy operations and act as safety technicians by assisting the Safety Officer or Safety Manager in the implementation of the Navy Occupational Safety and Health (NAVOSH) program and other command safety programs. They perform administrative and record keeping functions in support of the command safety organization and identify unsafe work practices and hazardous health conditions.

**DoD Relationship****Title and Group:**

Boatswains

106

**Code and Area:**

106000

10

**O\*NET Relationship****Title and SOC Code:**

Mates - Ship, Boat, and Barge

53-5021.02

**Name and Family Code:**

Transportation and Material

53

**AMPHIBIOUS OPERATIONS**

<b>Paygrade</b>	<b>Task Type</b>	<b>Task Statements</b>	<b>Skills</b>	<b>Abilities</b>
E7	CORE	Coordinate amphibious beach operations	Coordination Operation and Control	Deductive Reasoning Manual Dexterity
E7	CORE	Coordinate amphibious beach traffic	Coordination Operation and Control	Deductive Reasoning Manual Dexterity
E7	CORE	Manage amphibious craft evolutions	Monitoring Operation and Control	Deductive Reasoning Time Sharing
E7	CORE	Manage beach logistics support operations	Monitoring Operation and Control	Deductive Reasoning Time Sharing
E6	CORE	Manage salvage operations	Monitoring Operation and Control	Deductive Reasoning Time Sharing
E6	CORE	Monitor amphibious craft operations	Monitoring Operation and Control	Deductive Reasoning Speed of Closure
E6	CORE	Monitor amphibious evolutions	Monitoring Operation and Control	Deductive Reasoning Speed of Closure
E7	CORE	Monitor well deck equipment evolutions	Monitoring Operation and Control	Deductive Reasoning Speed of Closure
E7	CORE	Operate amphibious craft	Operation and Control Operation Monitoring	Arm-Hand Steadiness Manual Dexterity

**ANCHORING, MOORING, AND TOWING**

<b>Paygrade</b>	<b>Task Type</b>	<b>Task Statements</b>	<b>Skills</b>	<b>Abilities</b>
E4	CORE	Determine required scope of anchor chain	Critical Thinking Judgment and Decision Making	Deductive Reasoning Written Comprehension
E7	CORE	Monitor anchoring evolutions	Monitoring Operation and Control	Deductive Reasoning Speed of Closure

E6	CORE	Monitor mooring and getting underway evolutions	<i>Monitoring Operation and Control</i>	<i>Deductive Reasoning Speed of Closure</i>
E7	CORE	Monitor towing evolutions	<i>Monitoring Operation and Control</i>	<i>Deductive Reasoning Speed of Closure</i>
E6	CORE	Supervise towing evolutions	<i>Monitoring Management of Material Resources</i>	<i>Information Ordering Time Sharing</i>

### CARGO HANDLING, RIGGING, AND CRANES

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E6	CORE	Monitor cargo handling evolutions	<i>Monitoring Operation and Control</i>	<i>Deductive Reasoning Speed of Closure</i>

### DECK SEAMANSHIP

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E6	CORE	Coordinate shipboard honors and ceremonies	<i>Coordination Time Management</i>	<i>Memorization Response Orientation</i>
E6	CORE	Monitor deck evolutions	<i>Monitoring Operation and Control</i>	<i>Deductive Reasoning Speed of Closure</i>
E7	CORE	Monitor shipboard man overboard recovery evolutions	<i>Monitoring Operation and Control</i>	<i>Deductive Reasoning Speed of Closure</i>
E7	CORE	Monitor small boat man overboard recovery evolutions	<i>Monitoring Operation and Control</i>	<i>Deductive Reasoning Speed of Closure</i>

### EQUIPMENT ADMINISTRATION

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E7	CORE	Approve installation and alteration of equipment	<i>Installation Quality Control Analysis</i>	<i>Deductive Reasoning Manual Dexterity</i>
E7	CORE	Coordinate equipment certifications	<i>Coordination Quality Control Analysis</i>	<i>Deductive Reasoning Manual Dexterity</i>
E7	CORE	Maintain equipment and test logs	<i>Reading Comprehension Writing</i>	<i>Oral Expression Written Expression</i>
E7	CORE	Manage controlled equipment	<i>Management of Material Resources Management of Financial</i>	<i>Written Comprehension Written Expression</i>
E6	CORE	Manage work center equipment and system level administration	<i>Management of Material Resources Equipment Selection</i>	<i>Written Comprehension Information Ordering</i>
E6	CORE	Monitor contractor testing	<i>Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Speed of Closure</i>
E6	CORE	Review technical briefs, notices, and bulletins	<i>Reading Comprehension Coordination</i>	<i>Oral Expression Problem Sensitivity</i>
E6	CORE	Supervise controlled equipment inventories	<i>Monitoring Management of Material Resources</i>	<i>Information Ordering Time Sharing</i>

E7	CORE	Verify installation and alteration of equipment <i>Installation</i> <i>Quality Control Analysis</i>	<i>Information Ordering</i> <i>Written Comprehension</i>
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### FLIGHT DECK OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E7	CORE	Monitor helicopter evolutions	<i>Monitoring</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Speed of Closure</i>

### REPLENISHMENT AT SEA

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E6	CORE	Manage cargo replenishment evolutions	<i>Monitoring</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Time Sharing</i>
E7	CORE	Manage fueling at sea replenishment evolutions	<i>Monitoring</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Time Sharing</i>
E7	CORE	Monitor cargo replenishment evolutions	<i>Monitoring</i> <i>Quality Control Analysis</i>	<i>Deductive Reasoning</i> <i>Speed of Closure</i>
E6	CORE	Monitor fueling at sea replenishment evolutions	<i>Monitoring</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Speed of Closure</i>
E7	CORE	Monitor personnel transfer at sea	<i>Monitoring</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Speed of Closure</i>

### SMALL BOAT OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E6	CORE	Monitor small boat operations	<i>Monitoring</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Speed of Closure</i>

**Job Title****Ordinary Seaman****Job Code****003721****Job Family**

Transportation and Material Moving

**NOC**

5300-5011.00

**Short Title (30 Characters)**

ORDINARY SEAMAN

**Short Title (10 Characters)**

ORD SEAMN

**Pay Plan**

Enlisted

**Career Field**

BM

**Proficiency Level**

A

**Other Relationships and Rules:**

Not Applicable

**Job Description**

Ordinary Seamen perform maintenance and preservation of ship's compartments, decks, deck machinery, and equipment. They stand deck watches, such as helmsman, lookout, and messenger underway. They man and operate amphibious craft, small boats, booms, cranes, and winches, and serve as part of gun crews and damage control parties. They also perform all basic seamanship functions aboard ship which involves knot tying and whipping and seizing lines or wire. They perform basic emergency functions including first aid treatment, hose handling, and the use carbon dioxide, dry chemical, and water portable fire extinguishers.

**DoD Relationship****Title and Group:**

Boatswains

106

**Code and Area:**

106000

10

**O\*NET Relationship****Title and SOC Code:**

Sailors and Marine Oilers

53-5011.00

**Name and Family Code:**

Transportation and Material

53

**AMPHIBIOUS OPERATIONS**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>	<b><u>Skills</u></b>	<b><u>Abilities</u></b>
E4	CORE	Direct amphibious craft landing operations	Coordination Operation and Control	Deductive Reasoning Manual Dexterity
E4	CORE	Identify amphibious beach signals and flags	Reading Comprehension Writing	Far Vision Glare Sensitivity
E4	CORE	Identify amphibious craft markings and flags	Reading Comprehension Writing	Far Vision Glare Sensitivity
E4	CORE	Identify amphibious signals and markings	Reading Comprehension Writing	Far Vision Glare Sensitivity
E4	CORE	Launch amphibious craft	Management of Material Resources Operation and Control	Deductive Reasoning Manual Dexterity
E4	CORE	Load amphibious vehicles	Management of Material Resources Operation and Control	Deductive Reasoning Manual Dexterity
E4	CORE	Monitor vehicle traffic and salvage	Monitoring Operation and Control	Deductive Reasoning Speed of Closure
E4	CORE	Operate well deck equipment	Operation and Control Operation Monitoring	Arm-Hand Steadiness Manual Dexterity
E4	CORE	Perform preventive maintenance on amphibious craft	Equipment Selection Equipment Maintenance	Finger Dexterity Manual Dexterity
E4	CORE	Perform preventive maintenance on well deck equipment	Equipment Selection Equipment Maintenance	Finger Dexterity Manual Dexterity
E4	CORE	Perform well deck Foreign Object Damage (FOD) walk downs	Critical Thinking Operation and Control	Deductive Reasoning Manual Dexterity
E4	CORE	Prepare amphibious beach equipment	Complex Problem Solving Operation and Control	Information Ordering Written Comprehension
E4	CORE	Prepare amphibious craft	Complex Problem Solving Operation and Control	Information Ordering Written Comprehension
E4	CORE	Prepare well deck equipment for amphibious operations	Complex Problem Solving Operation and Control	Information Ordering Written Comprehension
E4	CORE	Recover amphibious craft	Coordination Operation and Control	Deductive Reasoning Manual Dexterity



E4	CORE	Recover amphibious vehicles	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Repair well deck equipment	<i>Equipment Selection Repairing</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Secure amphibious vehicles	<i>Management of Material Resources Operation and Control</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Test well deck equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Troubleshoot well deck equipment	<i>Critical Thinking Troubleshooting</i>	<i>Inductive Reasoning Manual Dexterity</i>
E4	CORE	Unload amphibious vehicles	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Manual Dexterity</i>

### ANCHORING, MOORING, AND TOWING

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>	<b><u>Skills</u></b>	<b><u>Abilities</u></b>
E4	CORE	Determine position and tension of anchor chain	<i>Critical Thinking Judgment and Decision Making</i>	<i>Deductive Reasoning Written Comprehension</i>
E4	CORE	Determine required scope of anchor chain	<i>Critical Thinking Judgment and Decision Making</i>	<i>Deductive Reasoning Written Comprehension</i>
E4	CORE	Handle ground tackle for anchoring evolutions	<i>Complex Problem Solving Judgment and Decision Making</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Identify anchoring flags, day shapes, and light configurations	<i>Reading Comprehension Writing</i>	<i>Far Vision Glare Sensitivity</i>
E4	CORE	Lower ships anchor using wildcat	<i>Coordination Critical Thinking</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Operate ships capstan or gypsy head	<i>Operation and Control Operation Monitoring</i>	<i>Arm-Hand Steadiness Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on anchoring equipment	<i>Equipment Selection Equipment Maintenance</i>	<i>Finger Dexterity Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on mooring equipment	<i>Equipment Selection Equipment Maintenance</i>	<i>Finger Dexterity Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on towing equipment	<i>Equipment Selection Equipment Maintenance</i>	<i>Finger Dexterity Manual Dexterity</i>
E4	CORE	Prepare lines for mooring and getting underway evolutions	<i>Complex Problem Solving Operation and Control</i>	<i>Information Ordering Written Comprehension</i>
E4	CORE	Raise ships anchor using wildcat	<i>Critical Thinking Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Repair anchoring equipment	<i>Equipment Selection Repairing</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Repair mooring equipment	<i>Equipment Selection Repairing</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Repair towing equipment	<i>Equipment Selection Repairing</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Rig clear hawse pennants	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>

E4	CORE	Rig dip ropes	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Rig for tow	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Secure mooring lines prior to getting underway	<i>Management of Material Resources Operation and Control</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Supervise mooring and getting underway evolutions	<i>Monitoring Management of Material Resources</i>	<i>Information Ordering Time Sharing</i>
E4	CORE	Tend mooring lines	<i>Coordination Critical Thinking</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Test anchoring equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test mooring equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test towing equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Troubleshoot anchoring equipment	<i>Critical Thinking Troubleshooting</i>	<i>Inductive Reasoning Manual Dexterity</i>
E4	CORE	Unrig clear hawse pennants	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Unrig dip ropes	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Unrig from tow	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>

### **CARGO HANDLING, RIGGING, AND CRANES**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>	<b><u>Skills</u></b>	<b><u>Abilities</u></b>
E4	CORE	Operate cargo handling equipment	<i>Operation and Control Operation Monitoring</i>	<i>Arm-Hand Steadiness Manual Dexterity</i>
E4	CORE	Package cargo for transfer	<i>Coordination Critical Thinking</i>	<i>Control Precision Finger Dexterity</i>
E4	CORE	Perform cargo handling	<i>Equipment Selection Operation and Control</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Perform dynamic, static, and rated load tests	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on cargo handling equipment	<i>Equipment Selection Equipment Maintenance</i>	<i>Finger Dexterity Manual Dexterity</i>
E4	CORE	Repair cargo handling equipment	<i>Equipment Selection Repairing</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Rig cargo handling equipment	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Test cargo handling equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Troubleshoot cargo handling equipment	<i>Critical Thinking Troubleshooting</i>	<i>Inductive Reasoning Manual Dexterity</i>

E4	CORE	Unpack cargo for storage	<i>Coordination</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Manual Dexterity</i>
E4	CORE	Unrig cargo handling equipment	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Control Precision</i> <i>Manual Dexterity</i>

### DECK SEAMANSHIP

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Determine water depth using lead lines	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Written Comprehension</i>
E4	CORE	Identify search and rescue signals	<i>Reading Comprehension</i> <i>Writing</i>	<i>Far Vision</i> <i>Glare Sensitivity</i>
E4	CORE	Identify signal flags, pennants and flares	<i>Reading Comprehension</i> <i>Writing</i>	<i>Far Vision</i> <i>Glare Sensitivity</i>
E4	CORE	Operate aft steering equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Arm-Hand Steadiness</i> <i>Manual Dexterity</i>
E4	CORE	Operate ships control console	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Arm-Hand Steadiness</i> <i>Manual Dexterity</i>
E4	CORE	Perform external communications (radios, telephones, ship-to-ship, and ship-to-shore)	<i>Active Listening</i> <i>Speaking</i>	<i>Auditory Attention</i> <i>Speech Clarity</i>
E4	CORE	Perform internal communications (Internal Voice Communication Systems (IVCS), verbal communications, and sound powered telephones)	<i>Active Listening</i> <i>Speaking</i>	<i>Auditory Attention</i> <i>Speech Clarity</i>
E4	CORE	Perform man overboard procedures	<i>Operation and Control</i> <i>Systems Analysis</i>	<i>Manual Dexterity</i> <i>Problem Sensitivity</i>
E4	CORE	Perform preventive maintenance on abandon ship equipment	<i>Equipment Selection</i> <i>Equipment Maintenance</i>	<i>Finger Dexterity</i> <i>Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on davits	<i>Equipment Selection</i> <i>Equipment Maintenance</i>	<i>Finger Dexterity</i> <i>Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on lifesaving equipment	<i>Equipment Selection</i> <i>Equipment Maintenance</i>	<i>Finger Dexterity</i> <i>Manual Dexterity</i>
E4	CORE	Perform shipboard man overboard recovery procedures	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Manual Dexterity</i>
E4	CORE	Perform small boat man overboard recovery procedures	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Manual Dexterity</i>
E4	CORE	Render calls on boatswains pipe	<i>Coordination</i> <i>Speaking</i>	<i>Auditory Attention</i> <i>Speech Clarity</i>
E4	CORE	Repair abandon ship equipment	<i>Equipment Selection</i> <i>Repairing</i>	<i>Deductive Reasoning</i> <i>Manual Dexterity</i>
E4	CORE	Repair lifesaving equipment	<i>Equipment Selection</i> <i>Repairing</i>	<i>Deductive Reasoning</i> <i>Manual Dexterity</i>
E4	CORE	Report air contacts	<i>Judgment and Decision Making</i> <i>Speaking</i>	<i>Depth Perception</i> <i>Far Vision</i>
E4	CORE	Report audible information	<i>Judgment and Decision Making</i> <i>Monitoring</i>	<i>Auditory Attention</i> <i>Hearing Sensitivity</i>

E4	CORE	Report surface contacts	<i>Judgment and Decision Making Speaking</i>	<i>Depth Perception Far Vision</i>
E4	CORE	Report visual information	<i>Judgment and Decision Making Speaking</i>	<i>Far Vision Speech Recognition</i>
E4	CORE	Rig davits	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Rig deck equipment	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Rig life lines	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Rig shipboard ladders	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Rig ships brows and gangways	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Tend lines for deck seamanship evolutions	<i>Coordination Critical Thinking</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Test abandon ship equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test davits	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test lifesaving equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Unrig davits	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Unrig deck equipment	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Unrig life lines	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Unrig shipboard ladders	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Unrig ships brows and gangways	<i>Equipment Selection Operation and Control</i>	<i>Control Precision Manual Dexterity</i>

## FLIGHT DECK OPERATIONS

<b><u>Pavgrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>	<b><u>Skills</u></b>	<b><u>Abilities</u></b>
E4	CORE	Identify flight deck markings	<i>Reading Comprehension Writing</i>	<i>Far Vision Glare Sensitivity</i>
E4	CORE	Launch and recover helicopters	<i>Management of Material Resources Operation and Control</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	JSPEC	Perform flight deck Foreign Object Damage (FOD) walk downs	<i>Coordination Operation and Control</i>	<i>Inductive Reasoning Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on flight deck equipment	<i>Equipment Selection Equipment Maintenance</i>	<i>Finger Dexterity Manual Dexterity</i>
E4	CORE	Prepare flight deck equipment	<i>Complex Problem Solving Operation and Control</i>	<i>Information Ordering Written Comprehension</i>

E4	CORE	Refuel helicopters	<i>Coordination Management of Material Resources</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Secure helicopters to deck	<i>Management of Material Resources Operation and Control</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Test flight deck equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>

### MARLINESPIKE SEAMANSHIP

<u><b>Paygrade</b></u>	<u><b>Task Type</b></u>	<u><b>Task Statements</b></u>	<u><b>Skills</b></u>	<u><b>Abilities</b></u>
E4	CORE	Maintain wire ropes	<i>Equipment Maintenance Equipment Selection</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on ships lines	<i>Equipment Selection Equipment Maintenance</i>	<i>Finger Dexterity Manual Dexterity</i>
E4	CORE	Repair synthetic and canvas products	<i>Complex Problem Solving Management of Material Resources</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Splice ships lines	<i>Critical Thinking Equipment Maintenance</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Tie basic knots, bends, and hitches	<i>Coordination Critical Thinking</i>	<i>Deductive Reasoning Finger Dexterity</i>

### PAINTING AND PRESERVATION

<u><b>Paygrade</b></u>	<u><b>Task Type</b></u>	<u><b>Task Statements</b></u>	<u><b>Skills</b></u>	<u><b>Abilities</b></u>
E4	CORE	Inventory painting and preservation equipment	<i>Reading Comprehension Management of Material Resources</i>	<i>Information Ordering Written Expression</i>
E4	CORE	Issue painting and preservation equipment	<i>Equipment Selection Management of Material Resources</i>	<i>Deductive Reasoning Time Sharing</i>
E4	CORE	Issue primer, paint, and non-skid	<i>Equipment Selection Management of Material Resources</i>	<i>Deductive Reasoning Time Sharing</i>
E4	CORE	Paint prepared surfaces using primer, paint, and non-skid	<i>Equipment Selection Management of Material Resources</i>	<i>Arm-Hand Steadiness Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on painting and preservation equipment	<i>Equipment Selection Equipment Maintenance</i>	<i>Finger Dexterity Manual Dexterity</i>
E4	CORE	Prepare primer, paint, and non-skid	<i>Complex Problem Solving Operation and Control</i>	<i>Information Ordering Written Comprehension</i>
E4	CORE	Prepare surfaces for primer, paint, and non-skid	<i>Complex Problem Solving Operation and Control</i>	<i>Information Ordering Written Comprehension</i>
E4	CORE	Repair painting and preservation equipment	<i>Equipment Selection Repairing</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Test painting and preservation equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Troubleshoot painting and preservation equipment	<i>Critical Thinking Troubleshooting</i>	<i>Inductive Reasoning Manual Dexterity</i>

## REPLENISHMENT AT SEA

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Determine position using phone and distance line	Critical Thinking Judgment and Decision Making	Deductive Reasoning Written Comprehension
E4	CORE	Operate cargo receiving rigs	Operation and Control Operation Monitoring	Arm-Hand Steadiness Manual Dexterity
E4	CORE	Operate fueling delivery rigs	Operation and Control Operation Monitoring	Arm-Hand Steadiness Manual Dexterity
E4	CORE	Operate fueling receiving rigs	Operation and Control Operation Monitoring	Arm-Hand Steadiness Manual Dexterity
E4	CORE	Perform personnel transfer at sea	Operation and Control Systems Analysis	Manual Dexterity Problem Sensitivity
E4	CORE	Perform preventive maintenance on replenishment equipment	Equipment Selection Equipment Maintenance	Finger Dexterity Manual Dexterity
E4	CORE	Repair replenishment equipment	Equipment Selection Repairing	Deductive Reasoning Manual Dexterity
E4	CORE	Rig cargo for Vertical Replenishment (VERTREP)	Equipment Selection Operation and Control	Control Precision Manual Dexterity
E4	CORE	Rig cargo replenishment stations	Equipment Selection Operation and Control	Control Precision Manual Dexterity
E4	CORE	Rig for personnel transfer at sea	Equipment Selection Operation and Control	Control Precision Manual Dexterity
E4	CORE	Rig fueling replenishment stations	Equipment Selection Operation and Control	Control Precision Manual Dexterity
E4	CORE	Send and receive fueling at sea signals	Coordination Speaking	Category Flexibility Far Vision
E4	CORE	Send and receive replenishment at sea signals	Coordination Speaking	Category Flexibility Far Vision
E4	CORE	Test replenishment equipment	Operation Monitoring Quality Control Analysis	Deductive Reasoning Problem Sensitivity
E4	CORE	Troubleshoot replenishment equipment	Critical Thinking Troubleshooting	Inductive Reasoning Manual Dexterity
E4	CORE	Unrig cargo from Vertical Replenishment (VERTREP)	Equipment Selection Operation and Control	Control Precision Manual Dexterity
E4	CORE	Unrig cargo replenishment stations	Equipment Selection Operation and Control	Control Precision Manual Dexterity
E4	CORE	Unrig from personnel transfer at sea	Equipment Selection Operation and Control	Control Precision Manual Dexterity
E4	CORE	Unrig fueling replenishment stations	Equipment Selection Operation and Control	Control Precision Manual Dexterity

## SMALL BOAT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Identify aids to navigation	<i>Reading Comprehension Speaking</i>	<i>Far Vision Spatial Orientation</i>
E4	CORE	Identify small boat identity, markings, and insignias	<i>Reading Comprehension Writing</i>	<i>Far Vision Glare Sensitivity</i>
E4	CORE	Identify sound signals	<i>Active Listening Speaking</i>	<i>Auditory Attention Hearing Sensitivity</i>
E4	CORE	Launch small boats	<i>Management of Material Resources Operation and Control</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Moor small boats	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Operate small boats	<i>Operation and Control Operation Monitoring</i>	<i>Arm-Hand Steadiness Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on small boat davits	<i>Equipment Selection Equipment Maintenance</i>	<i>Finger Dexterity Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on small boat equipment	<i>Equipment Selection Equipment Maintenance</i>	<i>Finger Dexterity Manual Dexterity</i>
E4	CORE	Perform preventive maintenance on small boat hulls	<i>Equipment Selection Equipment Maintenance</i>	<i>Finger Dexterity Manual Dexterity</i>
E4	CORE	Plot and follow navigational courses	<i>Critical Thinking Mathematics</i>	<i>Mathematical Reasoning Written Comprehension</i>
E4	CORE	Prepare small boats	<i>Complex Problem Solving Operation and Control</i>	<i>Information Ordering Wrist-Finger Speed</i>
E4	CORE	Recover small boats	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Refuel small boats	<i>Coordination Management of Material Resources</i>	<i>Control Precision Manual Dexterity</i>
E4	CORE	Repair small boat equipment	<i>Equipment Selection Repairing</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Repair small boat hulls	<i>Equipment Selection Repairing</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Test small boat equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Troubleshoot small boat equipment	<i>Critical Thinking Troubleshooting</i>	<i>Inductive Reasoning Manual Dexterity</i>

**Job Title****Able Seaman****Job Code****003722****Job Family**

Installation, Maintenance, and Repair

**NOC**

4900-9043.00

**Short Title (30 Characters)**

ABLE SEAMAN

**Short Title (10 Characters)**

ABL SEAMN

**Pay Plan**

Enlisted

**Career Field**

BM

**Proficiency Level**

J

**Other Relationships and Rules:**

Not Applicable

**Job Description**

Able Seamen perform shipboard operations including stevedoring and maintenance. They conduct training of junior personnel in rigging, ship security, deck seamanship, navigation, and piloting. They operate and maintain small boats, deck equipment, and machinery, prepare metal and wood surfaces for the applying of primers and paints, rig cargo handling equipment for ship replenishment at sea, and handle cargo in port. They direct winch and crane operators, stand watch as Boatswain's Mate of the Watch (BMOW) at sea and in port, and supervise personnel performing work details, deck functions, general maintenance and upkeep of the ship, and supervise repair parties during shipboard emergencies. They launch and recover amphibious craft, operate small boats as coxswains, and inspect and maintain lifeboats, life rafts, and survival equipment. They also conduct training of junior personnel and supervise flight deck operations as flight deck observers, chock and chain persons, and enlisted landing signalmen for multiple helicopter flight deck operations.

**DoD Relationship****Title and Group:**

Boatswains

106

**Code and Area:**

106000

10

**O\*NET Relationship****Title and SOC Code:**

Maintenance Workers, Machinery

49-9043.00

**Name and Family Code:**

Installation, Maintenance, and Repair

49

**AMPHIBIOUS OPERATIONS**

<b>Paygrade</b>	<b>Task Type</b>	<b>Task Statements</b>	<b>Skills</b>	<b>Abilities</b>
E5	CORE	Direct amphibious craft and vehicles in well deck	Coordination Operation and Control	Deductive Reasoning Manual Dexterity
E5	CORE	Monitor surf zone	Monitoring Operation and Control	Deductive Reasoning Speed of Closure
E7	CORE	Operate amphibious craft	Operation and Control Operation Monitoring	Arm-Hand Steadiness Manual Dexterity
E5	CORE	Supervise amphibious craft operations	Monitoring Management of Material Resources	Information Ordering Time Sharing
E5	CORE	Supervise amphibious evolutions	Monitoring Management of Material Resources	Information Ordering Time Sharing
E5	CORE	Supervise vehicle placement, loading, and securing operations	Monitoring Management of Material Resources	Information Ordering Time Sharing
E5	CORE	Supervise well deck equipment evolutions	Monitoring Management of Material Resources	Information Ordering Time Sharing
E5	CORE	Supervise well deck Foreign Object Damage (FOD) walk downs	Monitoring Management of Material Resources	Information Ordering Time Sharing

**ANCHORING, MOORING, AND TOWING**

<b>Paygrade</b>	<b>Task Type</b>	<b>Task Statements</b>	<b>Skills</b>	<b>Abilities</b>
E5	CORE	Moor to and get underway from buoy	Coordination Operation and Control	Deductive Reasoning Manual Dexterity
E5	CORE	Supervise anchoring evolutions	Monitoring Management of Material Resources	Information Ordering Time Sharing
E5	CORE	Supervise rigging for tow	Monitoring Management of Material Resources	Information Ordering Time Sharing



## CARGO HANDLING, RIGGING, AND CRANES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Direct and signal cranes	<i>Operation and Control Coordination</i>	<i>Depth Perception Spatial Orientation</i>
E5	CORE	Operate cranes and winches	<i>Operation and Control Operation Monitoring</i>	<i>Arm-Hand Steadiness Manual Dexterity</i>
E5	CORE	Perform rigging computations	<i>Complex Problem Solving Mathematics</i>	<i>Deductive Reasoning Mathematical Reasoning</i>
E5	CORE	Supervise cargo handling evolutions	<i>Monitoring Management of Material Resources</i>	<i>Information Ordering Time Sharing</i>

## DECK SEAMANSHIP

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Supervise davit evolutions	<i>Monitoring Management of Material Resources</i>	<i>Information Ordering Time Sharing</i>
E5	CORE	Supervise deck evolutions	<i>Monitoring Management of Material Resources</i>	<i>Information Ordering Time Sharing</i>
E5	CORE	Supervise shipboard man overboard recovery evolutions	<i>Monitoring Management of Material Resources</i>	<i>Information Ordering Time Sharing</i>
E5	CORE	Supervise small boat man overboard recovery evolutions	<i>Monitoring Management of Material Resources</i>	<i>Information Ordering Time Sharing</i>

## EQUIPMENT ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Document equipment status	<i>Reading Comprehension Writing</i>	<i>Written Comprehension Written Expression</i>
E5	CORE	Inspect work areas, tools, and equipment	<i>Management of Material Resources Monitoring</i>	<i>Spatial Orientation Visualization</i>
E5	JSPEC	Interpret blueprints and ship's drawings	<i>Reading Comprehension Systems Analysis</i>	<i>Written Comprehension Inductive Reasoning</i>
E5	CORE	Inventory controlled equipment	<i>Reading Comprehension Management of Material Resources</i>	<i>Information Ordering Written Expression</i>
E5	CORE	Supervise equipment and system level operations	<i>Monitoring Management of Material Resources</i>	<i>Information Ordering Time Sharing</i>
E5	CORE	Supervise equipment and system level preventive maintenance	<i>Monitoring Management of Material Resources</i>	<i>Information Ordering Time Sharing</i>

## FLIGHT DECK OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Send and receive helicopter control signals	<i>Coordination Speaking</i>	<i>Category Flexibility Far Vision</i>

E5	CORE	Supervise flight deck Foreign Object Damage (FOD) walk downs	<i>Monitoring</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Time Sharing</i>
E5	CORE	Supervise helicopter evolutions	<i>Monitoring</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Time Sharing</i>

### MARLINE SPIKE SEAMANSHIP

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Temporary eye wire rope/clips	<i>Critical Thinking</i> <i>Equipment Maintenance</i>	<i>Deductive Reasoning</i> <i>Manual Dexterity</i>
E5	CORE	Tie advanced knots, bends, and hitches	<i>Coordination</i> <i>Critical Thinking</i>	<i>Deductive Reasoning</i> <i>Finger Dexterity</i>

### PAINTING AND PRESERVATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Supervise painting and preservation evolutions	<i>Monitoring</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Time Sharing</i>

### REPLENISHMENT AT SEA

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Supervise cargo replenishment rig evolutions	<i>Monitoring</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Time Sharing</i>
E5	CORE	Supervise fueling rig evolutions	<i>Monitoring</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Time Sharing</i>
E5	CORE	Supervise personnel transfer at sea	<i>Monitoring</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Time Sharing</i>

### SMALL BOAT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Supervise small boat operations	<i>Monitoring</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Time Sharing</i>